

Converting Colors

Hex(6F7DE6)

Have a look what the booklet for
Hex(6F7DE6) contains.

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Color

Hex(6F7DE6)

Conversions

Conversions Part 1

Format	Color
Hex	6F7DE6
RGB	111, 125, 230
RGB Percent	44%, 49%, 90%
CMY	0.5647, 0.5098, 0.0980
CMYK	0.52, 0.46, 0.00, 0.10
HSL	233°, 70%, 67%
HSV	233°, 52%, 90%
XYZ	28.1721, 23.7599, 77.9642
YIQ	132.7840, -42.0490, 29.6870

Conversions

Conversions Part 2

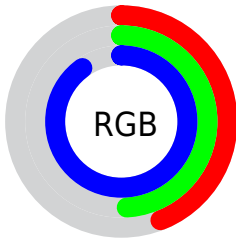
Format	Color
R _Y B	111, 124, 230
Decimal	7306726
CIE Lab	55.85, 23.69, -55.05
CIE LCh	56, 59.934, 293.282
Yxy	23.7599, 0.2169, 0.1829
Android (android.graphics.Color)	4285496806 (0xFF6F7DE6)
YUV	132.7840, 47.9275, -19.1046
Hunter-Lab	48.7441, 17.8633, -60.7110

Details

The Hex color **6F7DE6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E6D86F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A9B1FF**, and **314DAE** is the 20% darker color. If you saturate the color by 10%, you get **5869E6**, and if you desaturate by 10%, it is **8691E6**.

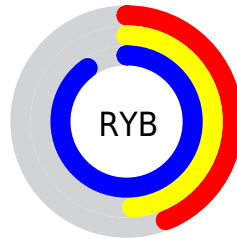
Distribution



Red (44%)

Green (49%)

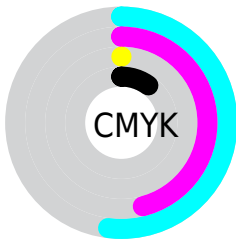
Blue (90%)



Red (44%)

Yellow (49%)

Blue (90%)

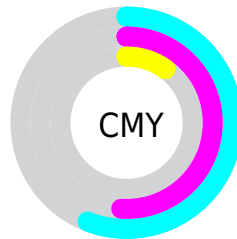


Cyan (52%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (56%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7DE6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6F7DE6 by changing the saturation by 10% instead.

6F7DE6

6F7DE6

FFFFFF

5164CA

A9B1FF

314DAE

C6CDFF

003693

E4E9FF

002278

000F5F

000346

00042F

000119

000000

■ 6F7DE6

■ 6F7DE6

■ 5869E6

■ 8691E6

■ 4154E6

■ 9DA6E6

■ 2A40E6

■ B4BAE6

■ 132CE6

■ CBCEE6

■ 001BE6

■ E2E2E6

■ F9F7E6

■ FFFFE6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008FED



6F7DE6



B965C5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6F7DE6



CF6A32



009D78

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6F7DE6



E6D86F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



309944



6F7DE6



A97F0B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6F7DE6



E25660



788F17



009EAE

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6F7DE6



D558A5



788F17



009C66

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6F7DE6



D6DBFF



6FE6D6



676A80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6F7DE6



6173FF



9B6FE6



676973



0015B3



000633

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E66F7D



FF6174



BAE66F



736769



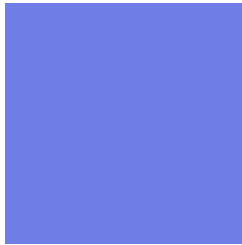
B30015



330006

Previews

White Background



This preview shows how the Hex color 6F7DE6 looks on a white background.

Color Contrast Check

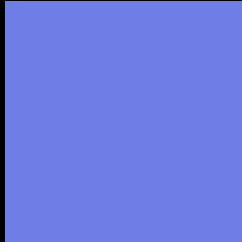
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6F7DE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F7DE6 Background



This preview shows how black text looks on a background with the Hex color 6F7DE6.



This preview shows how white text looks on a background with the Hex color 6F7DE6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

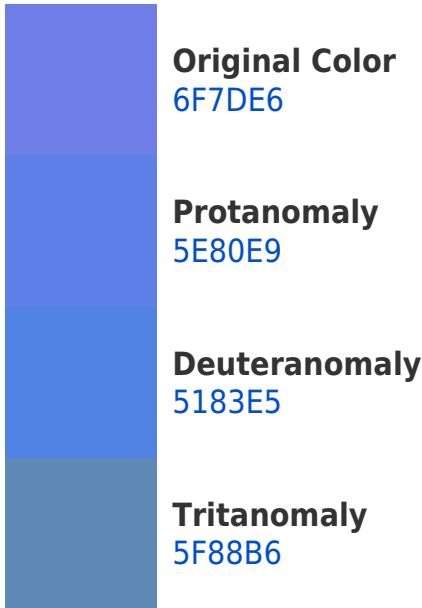
Dichromacy



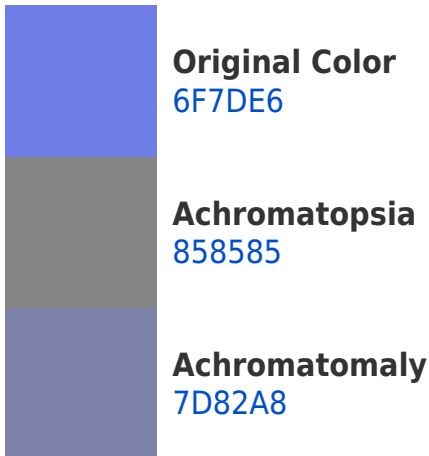


Tritanopia
568E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7DE6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6F7DE6 looks like.

```
.text, #text, p{  
    color:#6F7DE6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6F7DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7DE6
}
```

Border

The CSS property to change the border of an element to Hex 6F7DE6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F7DE6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6F7DE6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6F7DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7DE6; -webkit-box-shadow:4px 4px  
4px 4px #6F7DE6; box-shadow:4px 4px 4px  
4px #6F7DE6 }
```

Background

The CSS property to change the background color of an element to Hex 6F7DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7DE6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6F7DE6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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